

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
SAN FRANCISCO BAY REGION

ORDER NO. 79-40

NPDES PERMIT NO. CA0027812

WASTE DISCHARGE REQUIREMENTS FOR:

BORDEN CHEMICAL COMPANY -  
DIVISION OF BORDEN, INC.  
FREMONT, ALAMEDA COUNTY

The California Regional Water Quality Control Board, San Francisco Bay Region (hereinafter called the Board), finds that:

1. Borden Chemical - Division of Borden Incorporated (hereinafter called the discharger) operates an industrial facility at 41100 Boyce Road in Fremont, California, where various chemical compounds are manufactured. Its principal product is adhesives and its principal process is polymerization reactions. The discharger has submitted a National Pollutant Discharge Elimination System (NPDES) Application for a Permit to Discharge - Short Form C for renewal of its expiring permit (Order No. 74-34).
2. The discharger has a sedimentation and evaporation pond on its property used for the disposal of polluted wastewater from its manufacturing operations, and separate waste discharge requirements have been adopted for this pond. The discharger also has collection pits for process wastewaters which are recycled. All sanitary wastes are discharged to the municipal waste treatment plant. The discharger has occasionally discharged minor quantities of process chemicals, including resins, adhesives, phenol and urea compounds as a result of spills. Such spills may pollute storm runoff. Runoff from the plant property is discharged to a municipal storm sewer and to an open flood control channel which are tributary to San Francisco Bay.
3. In April, 1975, the Board adopted a Water Quality Control Plan for the San Francisco Bay Basin. This plan contains water quality objectives for San Francisco Bay.
4. The beneficial uses of San Francisco Bay and contiguous waters are:
  - a. Recreation
  - b. Fish migration habitat
  - c. Habitat and resting for waterfowl and migratory birds
  - d. Industrial water supply
  - e. Esthetic enjoyment
  - f. Navigation
5. Effluent limitations, and toxic effluent standards established pursuant to Sections 208(b), 301, 304, and 307 of the Federal Water Pollution Control Act and amendments thereto are applicable to the discharge.

6. The Board has notified the discharger and interested agencies and persons of its intent to prescribe waste discharge requirements for the proposed discharge and has provided them with an opportunity for a public hearing and an opportunity to submit their written views and recommendations.
7. The Board, in a public meeting, heard and considered all comments pertaining to the discharge.
8. This Order shall serve as a National Pollutant Discharge Elimination System permit pursuant to Section 402 of the Federal Water Pollution Control Act, or amendments thereto, and shall take effect at the end of ten days from the date of the public hearing provided the Regional Administrator has no objections.
9. The Board is not required to comply with the provisions of Chapter 3 (commencing with Section 21100) of Division 13 of the Public Resources Code (California Environmental Quality Act) as this is an NPDES permit and is exempt from such provisions per Section 13389 of the Water Code.

IT IS HEREBY ORDERED, Borden Chemical Company, in order to meet the provisions contained in Division 7 of the California Water Code and regulations adopted thereunder, and the provisions of the Federal Water Pollution Control Act and regulations and guidelines adopted thereunder, shall comply with the following:

A. Discharge Prohibition

1. The discharge to waters of the State or to the municipal storm sewer system of all waste, including spilled materials or stormwater runoff polluted with spilled materials, is prohibited.

B. Receiving Water Limitations

1. Discharges from the plant site shall not cause:
  - a. Visible, floating, suspended, or deposited oil or other products of petroleum origin in waters of the State at any place.
  - b. Floating, suspended, or deposited macroscopic particulate matter or foam, in waters of the State at any place.
  - c. Bottom deposits or aquatic growths at any place.
  - d. Alteration of apparent color or turbidity beyond present natural background levels in waters of the State at any place.
  - e. Variation from natural ambient pH by more than 0.2 pH units at any place in waters of the State.
  - f. Toxic or other deleterious substances to be present in waters of the State in concentrations or quantities which will cause deleterious effects on aquatic biota, wildlife, or waterfowl, or which render any of these unfit for human consumption either at levels created in the receiving waters or as a result of biological concentration.

C. Provisions

1. All plant areas which drain to waters of the State or to the municipal storm sewer system shall be kept free of waste materials.
2. The land directly east of the plant shall be kept thoroughly cleared of deposited wastes, and all adjacent ditches and culverts shall be kept cleaned of these wastes.
3. This Order includes all items, except A.5 and B.2 of the attached "Standard Provisions, Reporting Requirements, and Definitions, dated April 1977."
4. The discharger shall submit a technical report to the Board by January 30 of each year reporting on an annual reassessment made by the discharger of his plan for controlling and minimizing the effects of spills of stored or process materials and wastes and on any changes to or updating of the plan necessary.
5. All sections of this Order shall become effective on May 21, 1979, which is the expiration date of the discharger's current permit to discharge, Order No. 74-34.
6. This Order expires on May 21, 1984, and the discharger must file a Report of Waste Discharge in accordance with Title 23, California Administrative Code, not later than 180 days in advance of such date as application for issuance of new waste discharge requirements.

I, Fred H. Dierker, Executive Officer, do hereby certify the foregoing is a full, true, and correct copy of an Order adopted by the California Regional Water Quality Control Board, San Francisco Bay Region, on April 17, 1979.

FRED H. DIERKER  
Executive Officer

Attachments:

Standard Provisions, Reporting  
Requirements & Definitions, April 1977  
Self-Monitoring Program

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
SAN FRANCISCO BAY REGION

SELF-MONITORING PROGRAM  
FOR

BORDEN CHEMICAL COMPANY

FREMONT, ALAMEDA COUNTY

NPDES NO. CA 0027812

ORDER NO. 79--40

CONSISTS OF

PART A dated 1/78

AND

PART B Ordered April 25, 1979

PART B

DESCRIPTION OF SAMPLING STATIONS AND SCHEDULE OF SAMPLING ANALYSES, AND  
OBSERVATIONS

A. STORM WATER RUNOFF

<u>Station</u>	<u>Description</u>
S-R	Located in the drainage ditch, easterly of the plant, at a point on the discharger's easterly property line.
S-1	Located in the drainage ditch, easterly of the plant, at a point on the discharger's southerly property line.
S-2 thru S-'n'	Located in each of the storm drains that may be affected by spilled or discharged material.

<u>Station</u>	<u>Frequency of Analyses and Observations</u>	<u>Analyses and Observations</u>	<u>Units</u>
All S Stations	Sample to be collected during initial portion of the first storm of each season, and at least one storm per month.	COD  pH	mg/l  electrometric units
S-1 and S-2 thru S-'n'	On the first working day in October of each year and daily during periods of rain throughout the year:	Observe area and report evidence of or absence of spilled or deposited material and contaminants entering storm sewer or discharging off of property. If deposits are evident, describe method used to remove the spilled or deposited contaminants.	

B. LAND AREA

Quarterly, report areas of the plant grounds containing deposited wastes together with date and method of proposed cleanup, or report absence of such wastes.

I, Fred H. Dierker, Executive Officer, hereby certify that the foregoing Self-Monitoring Program:

1. Has been developed in accordance with the procedure set forth in this Regional Board's Resolution No. 73-16 in order to obtain data and document compliance with waste discharge requirements established in Regional Board Order No. 79-40.

2. Does not include the following paragraphs of Part A: C1, C3, C4, C5a, C5c, C5d, C5e, D1, D2a, D3, D4, E2, E4, F3e, and F3g(2).
3. Does include the modification of Part A in paragraph F3 to require that self-monitoring reports shall be submitted for each calendar quarter by the 15th day of the month following the end of each calendar quarter.
4. Is effective on the date shown below.
5. May be reviewed at any time subsequent to the effective date upon written notice from the Executive Officer or request from the dis-charger and revisions will be ordered by the Executive Officer.

FRED H. DIERKER  
Executive Officer

Effective date: April 25, 1979